

FULSA: January-June 1969

RESEARCH

1. Incorporation of a General Automation 3PC-12 computer donated by Agrippa-Ord, software designers of Carlisle, Mass., into the Fulsa control system. Investigation of programming possibilities afforded by real time computer control of present sound synthesis and signal routing equipment. Creation of high level computer language appropriate to work in environmental art. This project will be realized over a six month period at a cost of approximately \$5,000.
2. Study of existing programmed environments, including airports, highways and systems-managed architectural developments as prototypical sites for computerized environmental art works.
3. Experimentation with a variety of output devices - strobe lights, flashing signal lights, fluorescent bulbs, multiple sound sources - and programming of these elements in large scale installations primarily situated in natural landscapes.
4. Introductory testing and application of electro-luminescent paneling as a new light source whose color is variable by frequency; also first use of fluorescent bulbs specially manufactured with the phosphor absent to give clear visibility of luminous area within the tubes.

EXHIBITIONS

1. Planning and preparation of proposals for exhibitions in a variety of sites. In each case specific proposals will be drawn up and presented to various relevant agencies in prospect of realization.

TEACHING

1. Seminar offered at Yale University dealing with aesthetic issues of our work and its relationship to newly evolving areas of art.
2. A series of public lectures discussing our research and demonstrating our work, presented thus far at the University of Rhode Island, Wesleyan and Yale.